



**COLLEGE OF ENGINEERING
FACULTY POSITION MECHANICAL ENGINEERING**

The School of Mechanical Engineering, Purdue University, seeks an outstanding individual at the rank of Assistant or Associate Professor with a Ph.D. or equivalent doctoral level degree in an engineering discipline, in areas related to computational thermo-fluid sciences. The search is focused on emerging topics in energy, materials, bio-fluids, heat and mass transfer, and combustion. Applications involving complex thermo-fluid systems, sustainable manufacturing, and hybrid materials as well as fabrication of devices are of interest. Moreover expertise at the intersection of these fields with emerging and state-of-the-art computational and predictive sciences is highly desirable. In particular, expertise in any or all of the following: (1) multi-fidelity multi-resolution simulations, (2) multi-physics simulations, (3) data fusion, (4) stochastic modeling, and (5) uncertainty quantification, in conjunction with the aforementioned focus, areas provide a highly synergistic framework to augment the school's thermo-fluids computational needs.

Candidates should have a distinguished academic record, outstanding potential to conduct world-class research, and a commitment to educate and mentor students. The successful candidates will conduct original research, will advise graduate students, will teach undergraduate and graduate level courses, and will perform service both at the School and University levels. Candidates with experience working with diverse groups of students, faculty, and staff and the ability to contribute to an inclusive climate are particularly encouraged to apply.

Interested applicants should use <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications> to submit their applications on-line. Required materials include curriculum vitae, statement of research and teaching interests, and the names and contact information for at least four professional references. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu. Review of applications will begin February 15, 2016 and will continue until the position is filled. A background check will be required for employment in this position. Nominations may be sent to Dr. Qingyan Chen, Search Committee Chair, at chen@ecn.purdue.edu.

Established in 1882, the School of Mechanical Engineering is the oldest of Purdue's engineering schools and has granted over 28,000 degrees. The School has become synonymous with innovation and outstanding accomplishment in engineering research, education, and global engagement. In addition to supporting faculty expansion, the School's fund raising has enabled the newly-opened, LEED-certified, \$34.5M Roger B. Gatewood Wing of Mechanical Engineering with substantial space dedicated to design research and education; the \$30M LEED-certified expansion of the Ray W. Herrick Laboratories; a \$8.2M expansion of High-Pressure facilities at the Maurice J. Zucrow Laboratories; and numerous endowed scholarships and fellowships. Its annual research expenditures and endowment/trust funds have grown rapidly to \$24M per year and over \$80M, respectively.

Purdue's main campus is located in West Lafayette, Indiana, a welcoming and diverse community with a wide variety of cultural activities and events, industries, and excellent schools. Purdue and the College of Engineering have a [Concierge Program](#) to assist new faculty and their partners with dual-career needs and to facilitate their relocation.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply